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What is claimed is:

1 A method of adjusting transmission power in a CDMA terminal for code division multiple access communication with spread spectrum system and transmitting information using a plurality of code channels, said method comprising steps of:

generating base band signals by spreading data every code channel;

adjusting levels of said base band signals every code channel;

adding said adjusted base band signals over said plurality of code channels;

modulating based on a signal after addition to generate a high frequency signal;

adjusting a level of said high frequency signal; and sending said adjusted high frequency signal to the other station.

2 A method of adjusting transmission power in a CDMA terminal according to claim 1, wherein an adjustment in quantity of levels of said base band signals every code channel and an adjustment in quantity of a level of said high frequency signal are determined based on a control signal from said other station.

3 A method of adjusting transmission power in a CDMA terminal according to claim 2, wherein levels of said base

Sub B2 band signals are not changed and only a level of said high frequency signal is changed when said control signal is for increasing or decreasing the levels by a constant in quantity common to each of said code channels.

5 4 A method of adjusting transmission power in a CDMA terminal according to claim 1, wherein said step of adjusting a level of said high frequency signal comprises a step of adjusting an total average level of transmission signals of said code channels and said step of adjusting levels of said base band signals every code channel 10 comprises a step of adjusting a difference of levels between said code channels.

15 5 A method of adjusting transmission power in a CDMA terminal according to claim 1, further comprising a step of determining a level difference of said base band signals between the code channels in accordance with characteristic of a data to be transmitted to each code channel, and wherein a level for each code channel is adjusted in accordance with said determined level 20 difference.

6 A method of adjusting transmission power in a CDMA terminal according to claim 1 or 2, wherein an adjustment of levels said base band signals is not conducted for specific one code channel.

25 7 A method of adjusting transmission power in a CDMA

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10 An apparatus for adjusting transmission power in a

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CDMA terminal according to claim 9, further comprising transmitter for sending an output signal from said second variable gain control means to the other station.

11 An apparatus for adjusting transmission power in a  
5 CDMA terminal according to claim 9, further comprising control means for determining a level adjustment in quantity in each of said first variable gain control means and said second variable gain control means based on a control signal from said other station.

10 12 An apparatus for adjusting transmission power in a CDMA terminal according to claim 11, wherein a total average level of transmission signals of said code channels is adjusted by said second variable gain control means, and a difference of levels between the code  
15 channels is adjusted by said first variable gain control means.

13 An apparatus for adjusting transmission power in a CDMA terminal according to claim 9, further comprising;

level setting circuit for setting a level adjustment in  
20 quantity in each of said first variable gain control means based on a required level difference between said code channels and

control means for determining a level adjustment in  
25 quantity in said second variable gain control means based on a control signal from said other station.

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14 An apparatus for adjusting transmission power in a CDMA terminal according to claim 13, wherein said required level difference is determined using information with respect to characteristic of a transmission data in said each code channel.

15 An apparatus for adjusting transmission power in a CDMA terminal according to claim 9, wherein said first variable gain control means is not disposed in specific one code channel.

16 An apparatus for adjusting transmission power in a CDMA terminal according to claim 9, wherein each of said spreading circuits and each of said first variable gain control means are disposed in a digital signal processing circuit section, and said second variable gain control means is constructed as a high frequency analog circuit.

17 An apparatus for adjusting transmission power in a CDMA terminal according to claim 9, wherein said CDMA terminal is a mobile station in a mobile communication system, and said other station is a base station in said mobile communication system.

18 An apparatus for adjusting transmission power in a CDMA terminal according to claim 9, wherein said spread spectrum system is direct sequence system.

19 An apparatus for adjusting transmission power in a mobile station for code division multiple access

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communication with direct sequence system of spread spectrum system and transmitting information using a plurality of code channels, comprising:

5 a plurality of spreading means disposed for each code channel, said spreading means for spreading data;

a plurality of first variable gain control means disposed for said each code channel, said first variable gain control means for adjusting levels of output signals from said spreading means;

10 adder for adding outputs from each of said first variable gain control means;

modulator for modulating based on an output from said adder, and outputting a high frequency signal;

15 second variable gain control means for adjusting a level of said high frequency signal;

transmitter for sending an output signal from said second variable gain control means to the base station the other station; and

20 control means for determining a level adjustment in quantity in each of said first variable gain control means and said second variable gain control means based on a control signal from said other station.

Sub 83 } 20 An apparatus for adjusting transmission power in a  
25 average level of transmission signals of said code

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~~channels is adjusted by said second variable gain control means, and a difference of levels between the code channels is adjusted by said first variable gain control means.~~

21 An apparatus for adjusting transmission power in a  
CDMA terminal according to claim 19, further comprising;

level setting circuit for setting a level adjustment in  
quantity in each of said first variable gain control means  
based on a required level difference between said code  
channels and

control means for determining a level adjustment in quantity in said second variable gain control means based on a control signal from said other station.

22 An apparatus for adjusting transmission power in a  
15 CDMA terminal according to claim 19, wherein said required  
level difference is determined using information with  
respect to characteristic of a transmission data in said  
each code channel.

23 An apparatus for adjusting transmission power in a  
20 CDMA terminal according to claim 19, wherein said first  
variable gain control means is not disposed in specific  
one code channel.

24 An apparatus for adjusting transmission power in a  
CDMA terminal according to claim 19, wherein each of said  
25 spreading circuits and each of said first variable gain

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